

Docket No.: 12810-00347-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Jan-Martin Löning et al.

Application No.: 10/593,333

Confirmation No.: 9902

Filed: September 19, 2006

Art Unit: 4172

For: COOLING AND PURIFICATION OF GAS  
STREAMS

Examiner: T. B. McKenzie

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**RESPONSE TO NON-FINAL OFFICE ACTION UNDER 37 CFR 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This is in response to the Office Action mailed September 17, 2010.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 5 of this paper.